

CLAIMS

1. A crosslinkable composition formed from functionalized polyolefin powder comprising:

5 a functionalized polyolefin (A) having an MFI of at least 20 (190°C/2.16 kg) containing an anhydride and/or epoxy functional group;

a product (B) having the role of crosslinking (A),

10 the composition having a particle size between 100 and 400 µm.

2. The composition as claimed in claim 1, in which (A) is chosen from copolymers of ethylene and an unsaturated carboxylic acid anhydride and (B) is chosen 15 from copolymers of ethylene and an unsaturated epoxide.

3. The composition as claimed in claim 2, in which (A) is chosen from ethylene/alkyl (meth)acrylate/maleic anhydride copolymers, these copolymers comprising from 0.2 to 10% by weight of maleic 20 anhydride and from 5 to 40% by weight of alkyl (meth)acrylate.

4. The composition as claimed in claim 2 or 3, in which the product (B) is advantageously an ethylene/alkyl (meth)acrylate/unsaturated epoxide copolymer 25 which can contain up to 40% by weight of alkyl (meth)acrylate and up to 10% by weight of unsaturated epoxide.

5. The composition as claimed in claim 1, in which (A) is chosen from copolymers of ethylene and an unsaturated carboxylic acid anhydride and (B) is chosen from polyamines adsorbed on a zeolite.

6. The composition as claimed in claim 1, in which (A) is chosen from copolymers of ethylene and an unsaturated epoxide and (B) is chosen from polyamines adsorbed on a zeolite.

7. A process for the manufacture of an item
10 molded by slush molding comprising the melting of a composition according to any one of the preceding claims, followed by the crosslinking of the latter.